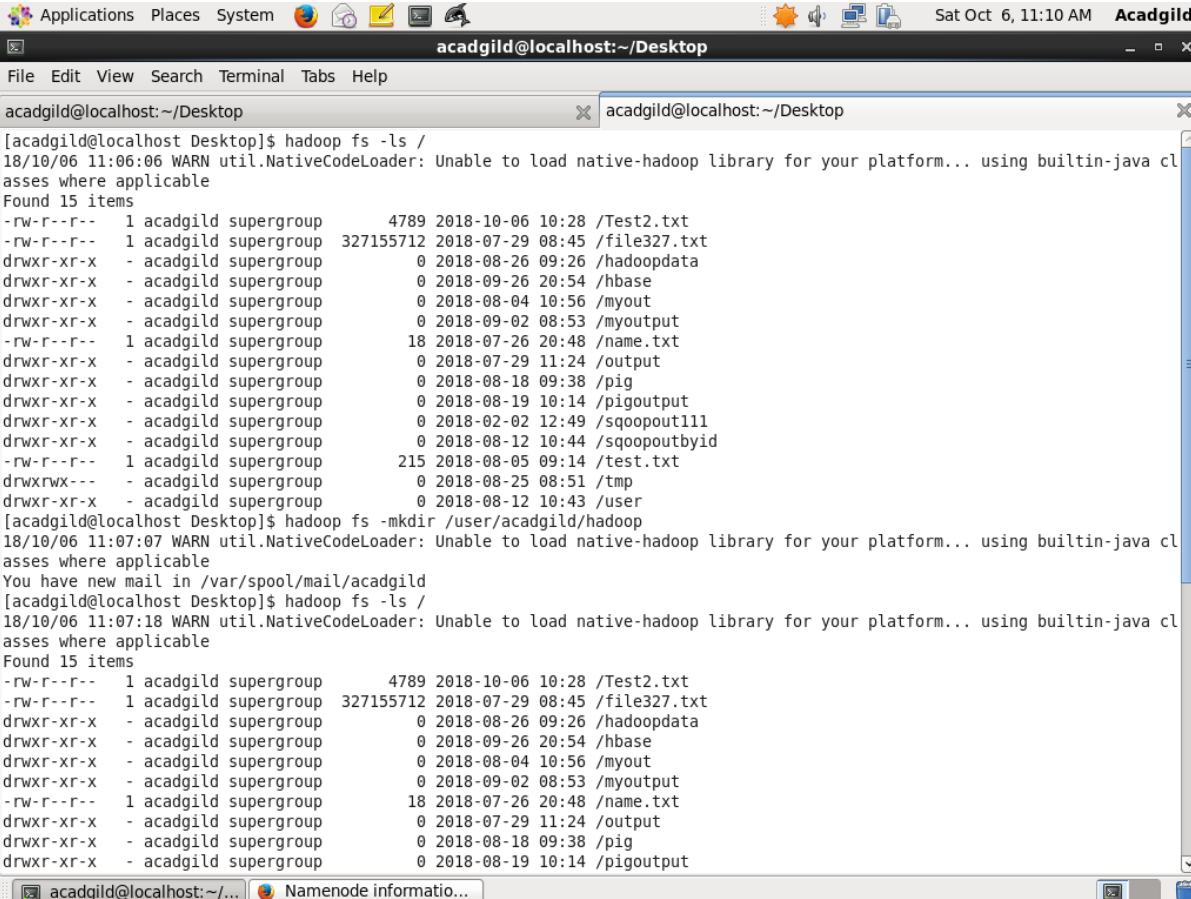


Task1: To create the directory

`hadoop fs -mkdir /user/acadgild/hadoop`



The screenshot shows a terminal window titled 'acadgild@localhost:~/Desktop'. The user has executed the command `hadoop fs -ls /`, which displays a list of 15 items in the root directory, including files like `/Test2.txt`, `/file327.txt`, `/hadoopdata`, `/hbase`, `/myout`, `/myoutput`, `/name.txt`, `/output`, `/pig`, `/pigoutput`, `/sqoopout111`, `/sqoopoutbyid`, `/test.txt`, `/tmp`, and `/user`. The user then executes `hadoop fs -mkdir /user/acadgild/hadoop`. The terminal also shows system messages, including a warning from `util.NativeCodeLoader` and a notification about new mail in `/var/spool/mail/acadgild`. The terminal window has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', 'Tabs', and 'Help'. The status bar at the bottom shows the user's location as `acadgild@localhost:~/...` and a taskbar with icons for applications and system status.

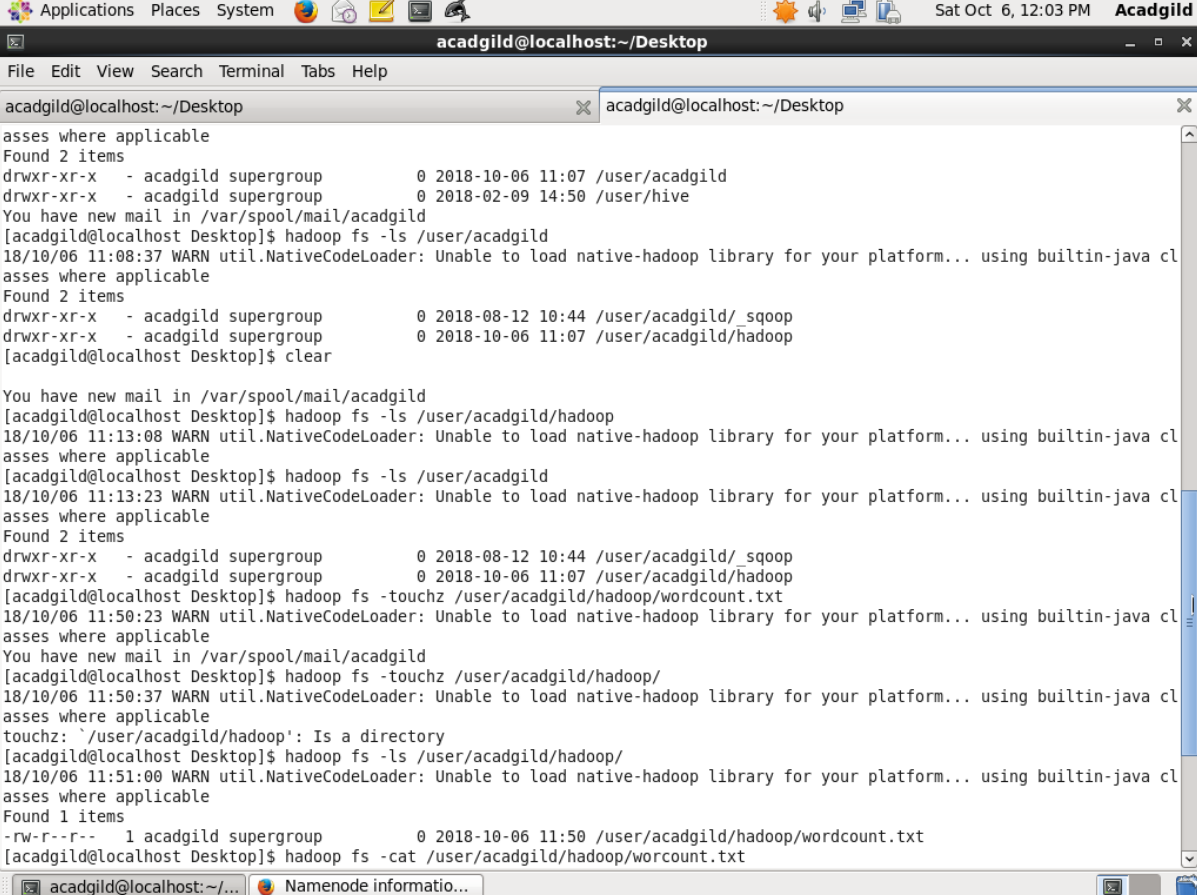
```
[acadgild@localhost Desktop]$ hadoop fs -ls /
18/10/06 11:06:06 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 15 items
-rw-r--r-- 1 acadgild supergroup 4789 2018-10-06 10:28 /Test2.txt
-rw-r--r-- 1 acadgild supergroup 327155712 2018-07-29 08:45 /file327.txt
drwxr-xr-x - acadgild supergroup 0 2018-08-26 09:26 /hadoopdata
drwxr-xr-x - acadgild supergroup 0 2018-09-26 20:54 /hbase
drwxr-xr-x - acadgild supergroup 0 2018-08-04 10:56 /myout
drwxr-xr-x - acadgild supergroup 0 2018-09-02 08:53 /myoutput
-rw-r--r-- 1 acadgild supergroup 18 2018-07-26 20:48 /name.txt
drwxr-xr-x - acadgild supergroup 0 2018-07-29 11:24 /output
drwxr-xr-x - acadgild supergroup 0 2018-08-18 09:38 /pig
drwxr-xr-x - acadgild supergroup 0 2018-08-19 10:14 /pigoutput
drwxr-xr-x - acadgild supergroup 0 2018-02-02 12:49 /sqoopout111
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:44 /sqoopoutbyid
-rw-r--r-- 1 acadgild supergroup 215 2018-08-05 09:14 /test.txt
drwxrwx--- - acadgild supergroup 0 2018-08-25 08:51 /tmp
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:43 /user
[acadgild@localhost Desktop]$ hadoop fs -mkdir /user/acadgild/hadoop
18/10/06 11:07:07 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Desktop]$ hadoop fs -ls /
18/10/06 11:07:18 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 15 items
-rw-r--r-- 1 acadgild supergroup 4789 2018-10-06 10:28 /Test2.txt
-rw-r--r-- 1 acadgild supergroup 327155712 2018-07-29 08:45 /file327.txt
drwxr-xr-x - acadgild supergroup 0 2018-08-26 09:26 /hadoopdata
drwxr-xr-x - acadgild supergroup 0 2018-09-26 20:54 /hbase
drwxr-xr-x - acadgild supergroup 0 2018-08-04 10:56 /myout
drwxr-xr-x - acadgild supergroup 0 2018-09-02 08:53 /myoutput
-rw-r--r-- 1 acadgild supergroup 18 2018-07-26 20:48 /name.txt
drwxr-xr-x - acadgild supergroup 0 2018-07-29 11:24 /output
drwxr-xr-x - acadgild supergroup 0 2018-08-18 09:38 /pig
drwxr-xr-x - acadgild supergroup 0 2018-08-19 10:14 /pigoutput
```

```
Applications Places System Sat Oct 6, 11:11 AM Acadgild
acadgild@localhost: ~/Desktop
File Edit View Search Terminal Tabs Help
acadgild@localhost: ~/Desktop
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:43 /user
[acadgild@localhost Desktop]$ hadoop fs -mkdir /user/acadgild/hadoop
18/10/06 11:07:07 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Desktop]$ hadoop fs -ls /
18/10/06 11:07:18 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 15 items
-rw-r--r-- 1 acadgild supergroup 4789 2018-10-06 10:28 /Test2.txt
-rw-r--r-- 1 acadgild supergroup 327155712 2018-07-29 08:45 /file327.txt
drwxr-xr-x - acadgild supergroup 0 2018-08-26 09:26 /hadoopdata
drwxr-xr-x - acadgild supergroup 0 2018-09-26 20:54 /hbase
drwxr-xr-x - acadgild supergroup 0 2018-08-04 10:56 /myout
drwxr-xr-x - acadgild supergroup 0 2018-09-02 08:53 /myoutput
-rw-r--r-- 1 acadgild supergroup 18 2018-07-26 20:48 /name.txt
drwxr-xr-x - acadgild supergroup 0 2018-07-29 11:24 /output
drwxr-xr-x - acadgild supergroup 0 2018-08-18 09:38 /pig
drwxr-xr-x - acadgild supergroup 0 2018-08-19 10:14 /pigoutput
drwxr-xr-x - acadgild supergroup 0 2018-02-02 12:49 /sqoopout111
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:44 /sqoopoutbyid
-rw-r--r-- 1 acadgild supergroup 215 2018-08-05 09:14 /test.txt
drwxrwx--- - acadgild supergroup 0 2018-08-25 08:51 /tmp
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:43 /user
[acadgild@localhost Desktop]$ hadoop fs -mkdir /user
18/10/06 11:07:50 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
mkdir: '/user': File exists
[acadgild@localhost Desktop]$ hadoop fs -ls /user
18/10/06 11:08:11 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 2 items
drwxr-xr-x - acadgild supergroup 0 2018-10-06 11:07 /user/acadgild
drwxr-xr-x - acadgild supergroup 0 2018-02-09 14:50 /user/hive
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Desktop]$ hadoop fs -ls /user/acadgild
18/10/06 11:08:37 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 2 items
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:44 /user/acadgild/_sqoop
drwxr-xr-x - acadgild supergroup 0 2018-10-06 11:07 /user/acadgild/hadoop
[acadgild@localhost Desktop]$
```

```
Applications Places System Sat Oct 6, 11:13 AM Acadgild
acadgild@localhost: ~/Desktop
File Edit View Search Terminal Tabs Help
acadgild@localhost: ~/Desktop
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Desktop]$ hadoop fs -ls /user/acadgild/hadoop
18/10/06 11:13:08 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
[acadgild@localhost Desktop]$ hadoop fs -ls /user/acadgild
18/10/06 11:13:23 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 2 items
drwxr-xr-x - acadgild supergroup 0 2018-08-12 10:44 /user/acadgild/_sqoop
drwxr-xr-x - acadgild supergroup 0 2018-10-06 11:07 /user/acadgild/hadoop
[acadgild@localhost Desktop]$
```

Create wordcount file

`hadoop fs -touchz /user/acadgild/hadoop/wordcount.txt`



The screenshot shows a terminal window titled "acadgild@localhost:~/Desktop". The window contains the following text:

```
asses where applicable
Found 2 items
drwxr-xr-x - acadgild supergroup          0 2018-10-06 11:07 /user/acadgild
drwxr-xr-x - acadgild supergroup          0 2018-02-09 14:50 /user/hive
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Desktop]$ hadoop fs -ls /user/acadgild
18/10/06 11:08:37 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 2 items
drwxr-xr-x - acadgild supergroup          0 2018-08-12 10:44 /user/acadgild/ sqoop
drwxr-xr-x - acadgild supergroup          0 2018-10-06 11:07 /user/acadgild/hadoop
[acadgild@localhost Desktop]$ clear

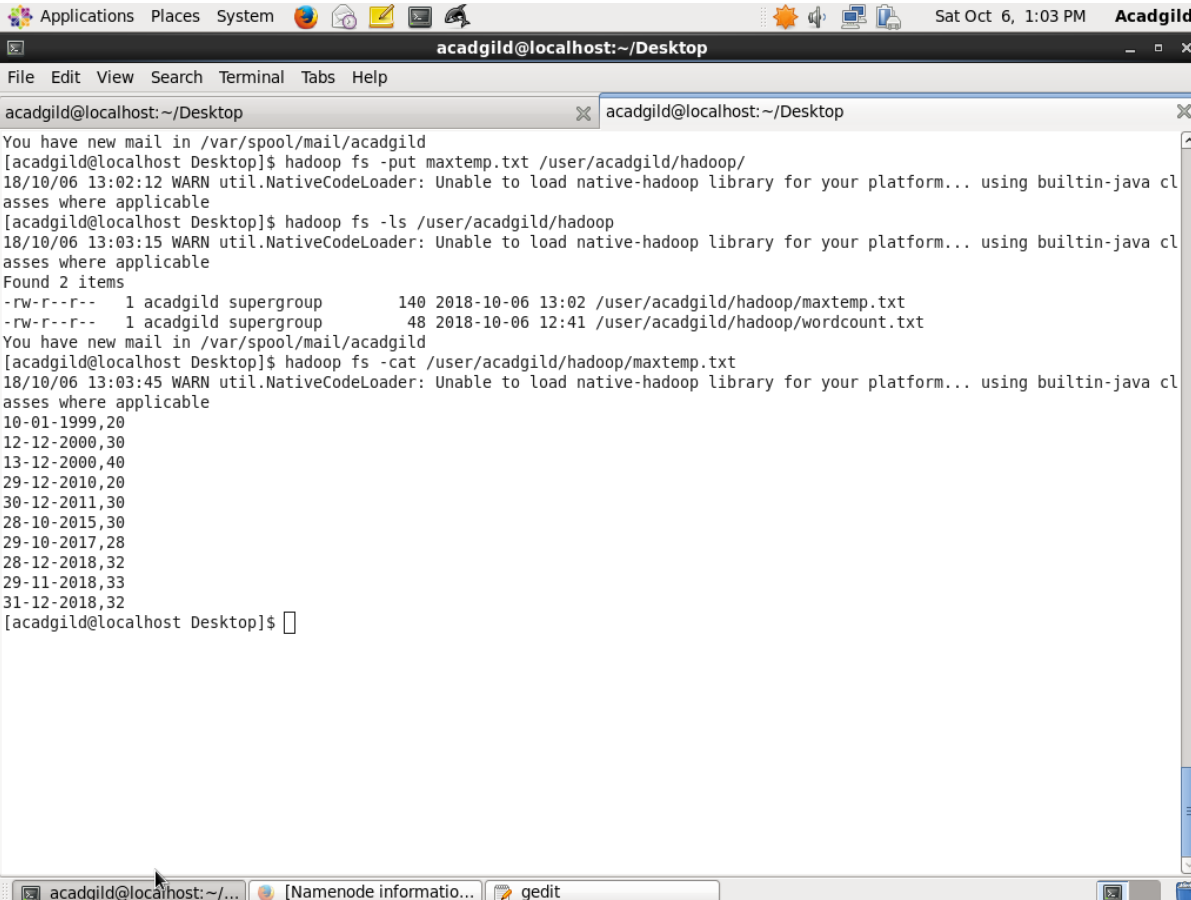
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Desktop]$ hadoop fs -ls /user/acadgild/hadoop
18/10/06 11:13:08 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
[acadgild@localhost Desktop]$ hadoop fs -ls /user/acadgild
18/10/06 11:13:23 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 2 items
drwxr-xr-x - acadgild supergroup          0 2018-08-12 10:44 /user/acadgild/ sqoop
drwxr-xr-x - acadgild supergroup          0 2018-10-06 11:07 /user/acadgild/hadoop
[acadgild@localhost Desktop]$ hadoop fs -touchz /user/acadgild/hadoop/wordcount.txt
18/10/06 11:50:23 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost Desktop]$ hadoop fs -touchz /user/acadgild/hadoop/
18/10/06 11:50:37 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
touchz: `/user/acadgild/hadoop': Is a directory
[acadgild@localhost Desktop]$ hadoop fs -ls /user/acadgild/hadoop/
18/10/06 11:51:00 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 1 items
-rw-r--r--  1 acadgild supergroup          0 2018-10-06 11:50 /user/acadgild/hadoop/wordcount.txt
[acadgild@localhost Desktop]$ hadoop fs -cat /user/acadgild/hadoop/worcount.txt
```

The terminal window has a menu bar with "File", "Edit", "View", "Search", "Terminal", "Tabs", and "Help". The title bar shows "acadgild@localhost:~/Desktop". The status bar at the bottom shows "acadgild@localhost:~/..." and "Namenode informatio...".

```
echo "hello hello hello world" | hadoop fs -appendToFile - /user/acadgild/hadoop
```

A screenshot of a Linux desktop environment. At the top, there's a taskbar with various application icons and system status indicators showing the date and time as "Sat Oct 6, 12:44 PM". The main window is a terminal titled "acadgild@localhost: ~/Desktop". It shows a series of commands being executed in a shell. The first command is `hadoop fs -cat /user/acadgild/hadoop/wordcount.txt`, which outputs the contents of the file. Subsequent commands include `echo` statements followed by `hadoop fs -appendToFile` or `hadoop fs -cat` to append new lines to the file. There are also some error messages from Hadoop regarding native code loading. The terminal output shows the file's content being updated multiple times. The bottom of the screen shows a dock with a few more application icons.

```
hadoop fs -put maxtemp.txt /user/acadgild/hadoop
```



The screenshot shows a terminal window titled 'acadgild@localhost:~/Desktop'. The window contains the following text:

```
acacgild@localhost:~/Desktop
You have new mail in /var/spool/mail/acacgild
[acacgild@localhost Desktop]$ hadoop fs -put maxtemp.txt /user/acacgild/hadoop/
18/10/06 13:02:12 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
[acacgild@localhost Desktop]$ hadoop fs -ls /user/acacgild/hadoop
18/10/06 13:03:15 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
Found 2 items
-rw-r--r--  1 acacgild supergroup      140 2018-10-06 13:02 /user/acacgild/hadoop/maxtemp.txt
-rw-r--r--  1 acacgild supergroup       48 2018-10-06 12:41 /user/acacgild/hadoop/wordcount.txt
You have new mail in /var/spool/mail/acacgild
[acacgild@localhost Desktop]$ hadoop fs -cat /user/acacgild/hadoop/maxtemp.txt
18/10/06 13:03:45 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
10-01-1999,20
12-12-2000,30
13-12-2000,40
29-12-2010,20
30-12-2011,30
28-10-2015,30
29-10-2017,28
28-12-2018,32
29-11-2018,33
31-12-2018,32
[acacgild@localhost Desktop]$
```

The terminal window has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', 'Tabs', and 'Help'. The status bar at the bottom shows 'acadgild@localhost:~/...', '[Namenode informatio...', and 'gedit'.